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Sequence Listing was accepted.

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217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2007; month=12; day=7; hr=16; min=28; sec=25; ms=294; ]

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Application No: 10563134 Version No: 1.0

**Input Set:****Output Set:**

**Started:** 2007-12-03 11:40:28.241  
**Finished:** 2007-12-03 11:40:36.583  
**Elapsed:** 0 hr(s) 0 min(s) 8 sec(s) 342 ms  
**Total Warnings:** 39  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 39  
**Actual SeqID Count:** 39

Error code	Error Description
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W 402	Undefined organism found in <213> in SEQ ID (2)
W 402	Undefined organism found in <213> in SEQ ID (3)
W 402	Undefined organism found in <213> in SEQ ID (4)
W 402	Undefined organism found in <213> in SEQ ID (5)
W 402	Undefined organism found in <213> in SEQ ID (6)
W 402	Undefined organism found in <213> in SEQ ID (7)
W 402	Undefined organism found in <213> in SEQ ID (8)
W 402	Undefined organism found in <213> in SEQ ID (9)
W 402	Undefined organism found in <213> in SEQ ID (10)
W 402	Undefined organism found in <213> in SEQ ID (11)
W 402	Undefined organism found in <213> in SEQ ID (12)
W 402	Undefined organism found in <213> in SEQ ID (13)
W 402	Undefined organism found in <213> in SEQ ID (14)
W 402	Undefined organism found in <213> in SEQ ID (15)
W 402	Undefined organism found in <213> in SEQ ID (16)
W 402	Undefined organism found in <213> in SEQ ID (17)
W 402	Undefined organism found in <213> in SEQ ID (18)
W 402	Undefined organism found in <213> in SEQ ID (19)
W 402	Undefined organism found in <213> in SEQ ID (20)

**Input Set:**

**Output Set:**

**Started:** 2007-12-03 11:40:28.241  
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Error code	Error Description
	This error has occurred more than 20 times, will not be displayed
W 213	Artificial or Unknown found in <213> in SEQ ID (31)
W 213	Artificial or Unknown found in <213> in SEQ ID (32)
W 213	Artificial or Unknown found in <213> in SEQ ID (33)
W 213	Artificial or Unknown found in <213> in SEQ ID (34)
W 213	Artificial or Unknown found in <213> in SEQ ID (35)
W 213	Artificial or Unknown found in <213> in SEQ ID (36)
W 213	Artificial or Unknown found in <213> in SEQ ID (37)
W 213	Artificial or Unknown found in <213> in SEQ ID (39)

# SEQUENCE LISTING

<110> Chemin, Isabelle  
Trepo, Christian

<120> Nucleic Acid and Protein Sequences from the HXHV Virus and Uses  
Thereof

<130> 126542

<140> 10563134

<141> 2007-12-03

<150> PCT/FR2004/050310

<151> 2004-07-05

<160> 39

<170> PatentIn version 3.3

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<211> 1362

<212> DNA

<213> Hepatitis X Related Virus

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accgcctaca gcacaagaag ggaagctcgg gccgacgtct ttgcctacct ggagcggttc	180
cacgacccgc ggatgcgccg tagagttgcg aggcgtgacc gggagtttca agccttaatc	240

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cattcccata gcgtactggg acccctgatg ccgaggcacg aagtagcagg taacatcgtg	1260
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 <211> 285  
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<210> 6  
 <211> 141  
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caatcgccga acggtacgcg g	141

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gacagccgag gcacatcgg cgcgcgtcgg atgcaggaag acctcgccga cgaaggcatg	180
cccgccagct tgaatcgggt ggccgcgtc atggccaagg ccgggcttca gggctggccg	240
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gtctttgcct acctggagcg gttccacgac ccgcggatgc gccgtagagt tgcgaggcgt	780
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 <213> Hepatitis X Related Virus

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cagcgatacg taccagaagt tcctcggcag ccatgccttg gtctgcagca tgagcgaggt	180
cggccattgc ggcgacaacg cagcatg	207

<210> 9  
 <211> 87  
 <212> DNA  
 <213> Hepatitis X Related Virus

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tctcgtctctt ttcatgagcg gggcggg	87

<210> 10  
 <211> 87  
 <212> DNA  
 <213> Hepatitis X Related Virus

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cgtgtcatgc acaagcaatc ggatcat	87

<210> 11  
 <211> 198  
 <212> DNA  
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 tcgaccttta agcgcattcc catagcgtag tgggacctct gatgccgagg cacgaagtag 180  
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 cttgccggcc aaaagccact ggataaggtc gacctttaag cgcattccca t 111

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 <211> 84  
 <212> DNA  
 <213> Hepatitis X Related Virus

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20 25 30

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35 40 45

Asp Arg Ala Leu Pro Gln Arg Leu Pro His Trp Asp Asp Val Pro Leu  
50 55 60

Pro Ser Ser Val Asp Gln Trp Val Leu Arg Leu Gly Gln Ala Lys Ala  
65 70 75 80

Gly Ala Ala Cys Pro Gly Glu Phe Ala Ser Leu Gly Ala His Ala  
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<210> 19

<211> 47

<212> PRT

<213> Hepatitis X Related Virus

<400> 19

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Leu Lys Arg Glu Leu Ser Arg Val Thr Lys Glu Arg Asp Phe Leu Arg  
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Asp Ala Ala Ala Tyr Phe Ala Lys Gln Ser Pro Asn Gly Thr Arg  
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<210> 20

<211> 275

<212> PRT

<213> Hepatitis X Related Virus

<400> 20

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20

25

30

Glu Arg Met Arg Glu Ile His Glu Asp Ser Arg Gly Ile Ile Gly Ala  
 35 40 45

Arg Arg Met Gln Glu Asp Leu Ala Asp Glu Gly Met Pro Ala Ser Leu  
 50 55 60

Asn Arg Val Ala Arg Val Met Ala Lys Ala Gly Leu Gln Gly Trp Pro  
 65 70 75 80

Arg Arg Lys Lys Arg Gly Phe Pro Arg Lys Pro Pro Thr Arg Arg Pro  
 85 90 95

Glu Gly Val Arg Asn Leu Leu Glu Arg Asp Phe Ser Ala Leu Glu Pro  
 100 105 110

Glu Thr Lys Trp Val Thr Asp Ile Thr Glu Ile Val Thr Asp Glu Gly  
 115 120 125

Lys Leu His Leu Cys Val Val Leu Asp Leu Tyr Ser Lys Leu Ile Met  
 130 135 140

Gly Trp Ser Met His His Arg Gln Asp Arg His Met Val Val Arg Ala  
 145 150 155 160

Val Gln Met Ala Val Trp Gln Arg Glu Gly Gly Asp Glu Val Ile Leu  
 165 170 175

His Ser Asp Arg Gly Gly Gln Phe Ile Ser Asp Thr Tyr Gln Lys Phe  
 180 185 190

Leu Gly Ser His Ala Leu Val Cys Ser Met Ser Glu Val Gly His Cys  
 195 200 205

Gly Asp Asn Ala Ala Cys Glu Gly Phe Phe Gly Leu Leu Lys Arg Glu  
 210 215 220

Trp Ile Tyr Gln Thr Arg Tyr Ser Thr Arg Arg Glu Ala Arg Ala Asp  
 225 230 235 240

Val Phe Ala Tyr Leu Glu Arg Phe His Asp Pro Arg Met Arg Arg Arg  
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Glu Thr Gly  
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<210> 21  
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<400> 21

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Phe Arg Ser Arg Arg Ala Val His Gln Arg Tyr Val Pro Glu Val Pro  
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Arg Gln Arg Ser Met  
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<210> 22  
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<212> PRT  
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<400> 22

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<210> 23  
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<212> PRT  
<213> Hepatitis X Related Virus

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<210> 24

<211> 66

<212> PRT

<213> Hepatitis X Related Virus

<400> 24

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20 25 30

Arg Gly Phe Ala Val Pro Tyr Pro Arg Gly Lys Leu Ala Asn Gly Tyr  
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Thr Met  
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<210> 25

<211> 37

<212> PRT

<213> Hepatitis X Related Virus

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Leu Arg Met Gly Met  
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<212> PRT  
<213> Hepatitis X Related Virus

<400> 26

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